

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14985

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23L1/19 A21D13/00 A23G3/00 A23D9/007

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L A21D A23G A23D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 030 211 A (MCDONALD CLARENCE E) 17 April 1962 (1962-04-17) column 3, line 7 - line 40; claim 4 -----	1-9
A	US 4 834 991 A (PORCELLO SAM J ET AL) 30 May 1989 (1989-05-30) cited in the application claims 1-11; examples I-V -----	1
A	US 4 711 788 A (MANNS JAMES M ET AL) 8 December 1987 (1987-12-08) claims 1-7; example I -----	1
A	US 4 865 859 A (PORCELLO SAMUEL J ET AL) 12 September 1989 (1989-09-12) claims 1-35; examples I-III -----	1
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

4 August 2004

Date of mailing of the international search report

16/08/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 254 605 A (ASAHI DENKA KOGYO KK) 6 November 2002 (2002-11-06) paragraph '0020! - paragraph '0023!; claim 1 -----	1
A	WO 03/024253 A (TNO ; DON JOHANNES ANDREAS CLYDE (NL); NOORT MARTIJN WILLEM-JAN (NL);) 27 March 2003 (2003-03-27) claims 1-6 -----	1
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 12, 31 October 1998 (1998-10-31) & JP 10 179048 A (ASAMA KASEI KK), 7 July 1998 (1998-07-07) abstract -----	1

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PCT/EP 03/14985

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 3030211	A	17-04-1962	NONE		
<hr/>					
US 4834991	A	30-05-1989	US	4753812 A	28-06-1988
			CA	1282998 C	16-04-1991
			CA	1286143 C	16-07-1991
			US	4826696 A	02-05-1989
<hr/>					
US 4711788	A	08-12-1987	AT	46069 T	15-09-1989
			AU	588838 B2	28-09-1989
			AU	4960685 A	08-04-1986
			CA	1255532 A1	13-06-1989
			DE	3572763 D1	12-10-1989
			EP	0195069 A1	24-09-1986
			JP	62500355 T	19-02-1987
			US	4826696 A	02-05-1989
			WO	8601684 A1	27-03-1986
<hr/>					
US 4865859	A	12-09-1989	AU	7011487 A	17-09-1987
			EP	0237436 A2	16-09-1987
			JP	62259545 A	11-11-1987
<hr/>					
EP 1254605	A	06-11-2002	JP	2001292716 A	23-10-2001
			JP	2001333720 A	04-12-2001
			EP	1254605 A1	06-11-2002
			CN	1362858 T	07-08-2002
			WO	0158279 A1	16-08-2001
			US	2003035859 A1	20-02-2003
<hr/>					
WO 03024253	A	27-03-2003	NL	1018991 C2	21-03-2003
			WO	03024253 A1	27-03-2003
<hr/>					
JP 10179048	A	07-07-1998	NONE		

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